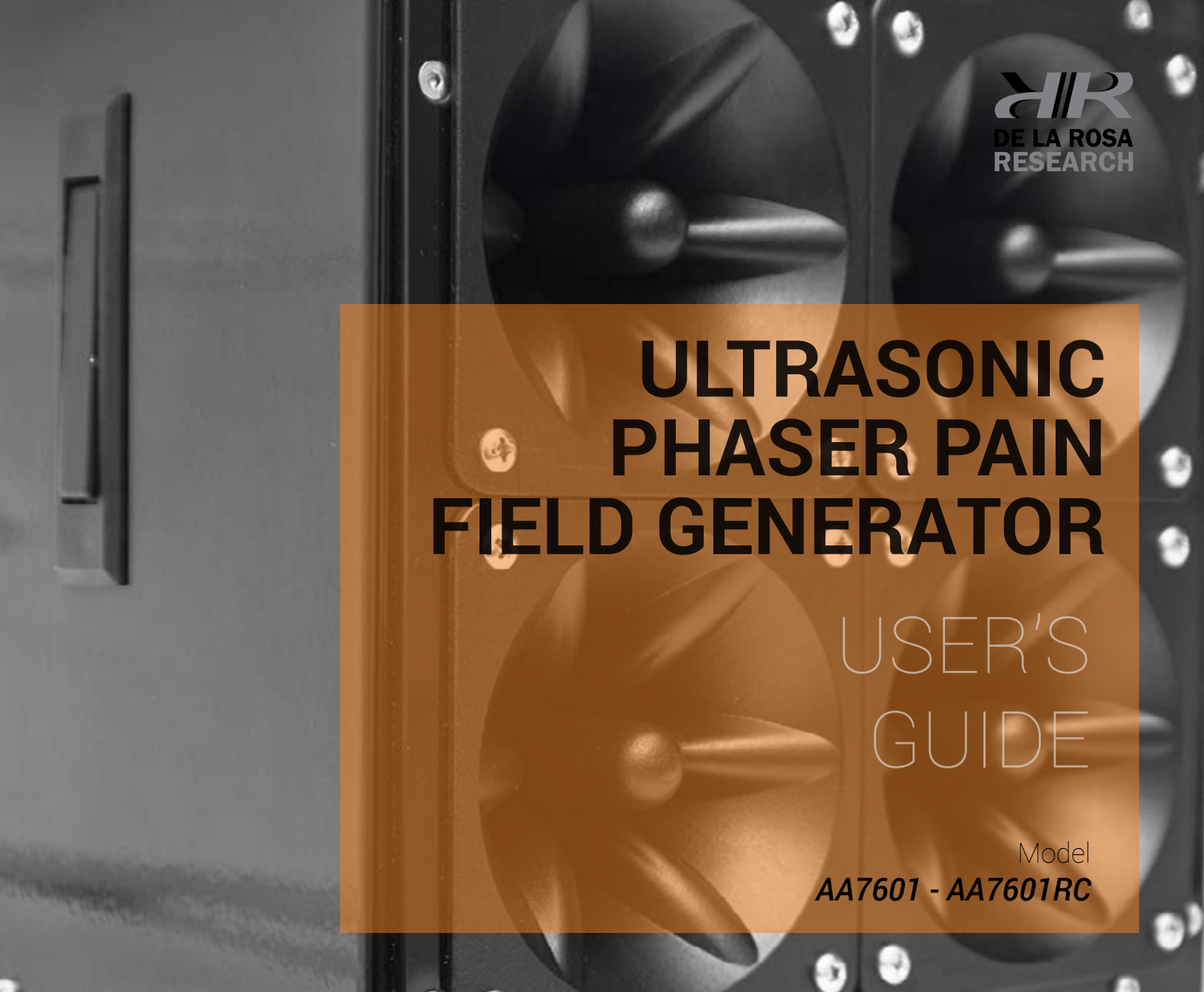

DE LA ROSA RESEARCH

ULTRASONIC PHASER PAIN FIELD GENERATOR

USER'S GUIDE

Model

AA7601 - AA7601RC

DE LA ROSA RESEARCH

Argo-A Security

This produc has been developed for De la Rosa Research with the Argo Security liscence.

Congratulations!

You have just acquired an innovative, high quality product. We have put our highest effort into each development stage. We are sure that you will find this equipment most reliable and accurate - exceeding your expectations.

Before using this device, we strongly recommend that you carefully read the user manual. There you will find all related information for correct handling and usage of this product.

We hope that you enjoy using this equipment as much as we did creating it.

De la Rosa Research Team.

A word of caution.

Ultrasound (ultrasonic generation) is a gray area when used in animal control or as a human intrusion deterrent in private property . It is always best to consult with local authorities and before using this device as home or property defense.

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DETAILS

UPPFG produces a time variable power field of ultrasonic shock wave energy. Its range frequency is adjustable from 10kHz to 25kHz, equivalent to 135 db, measured at 30cm away from the device. It can be assembled to vehicles for potential crowd control. A lightweight, self-contained portable device for operation in the woods. Ideal for keeping out two and four-legged pests from garden and unauthorized areas.

SPECIFICATIONS

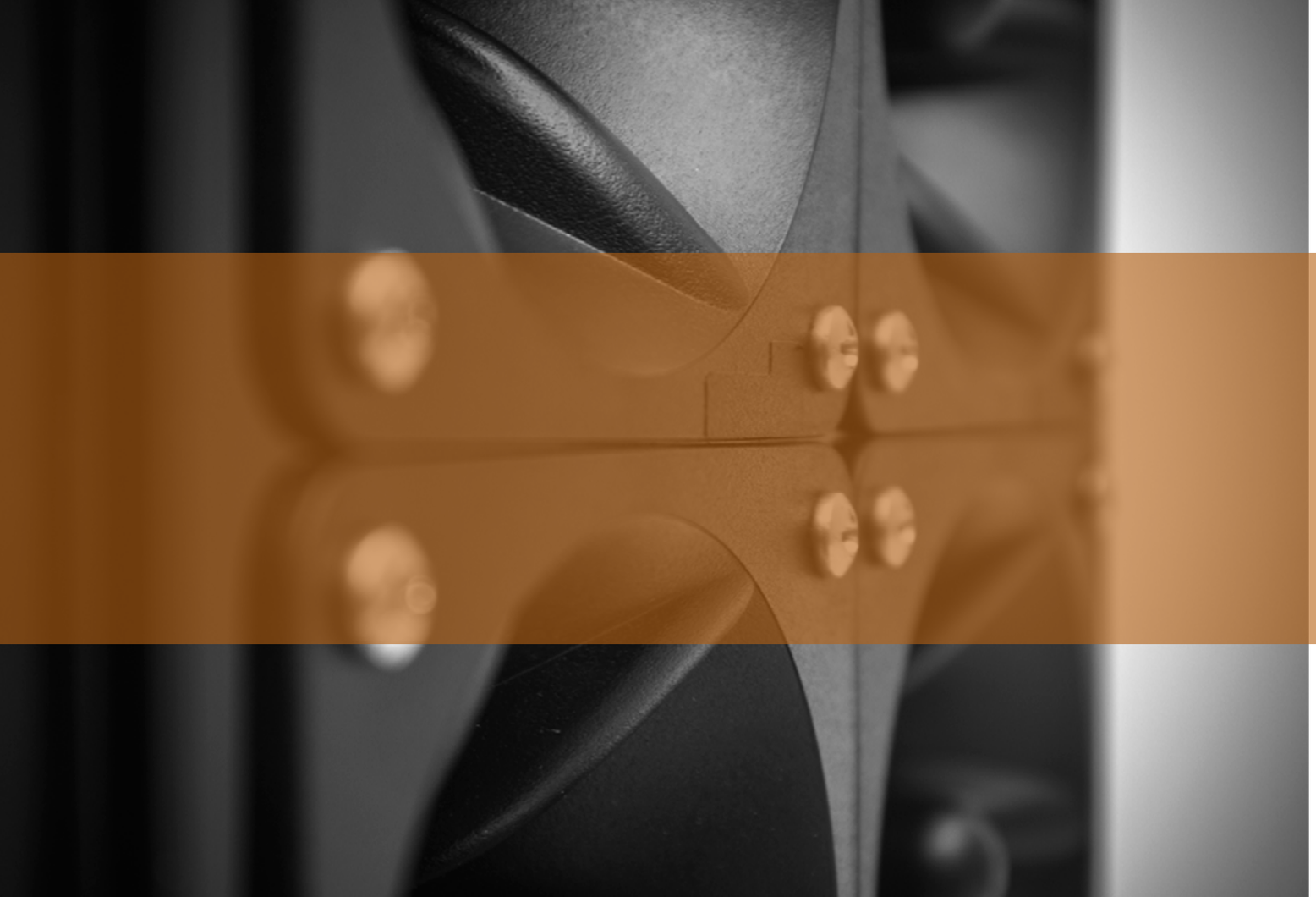
Dimensions: 6” x 6” x 4” (15,2 x 15,2 x 10,2 cm)

Wireless remote control. (Model AA7601RC)
Range: 100 mts (3oo fts)

Power source: 12V DC internal battery (Not provided) or external 115v-220v AC/12V DC, 2 Amp power supply.

Number of transducers: 4

Sound Range: 50-100 feet (15-31 m)
Output: 135dB over a 30° directional spread



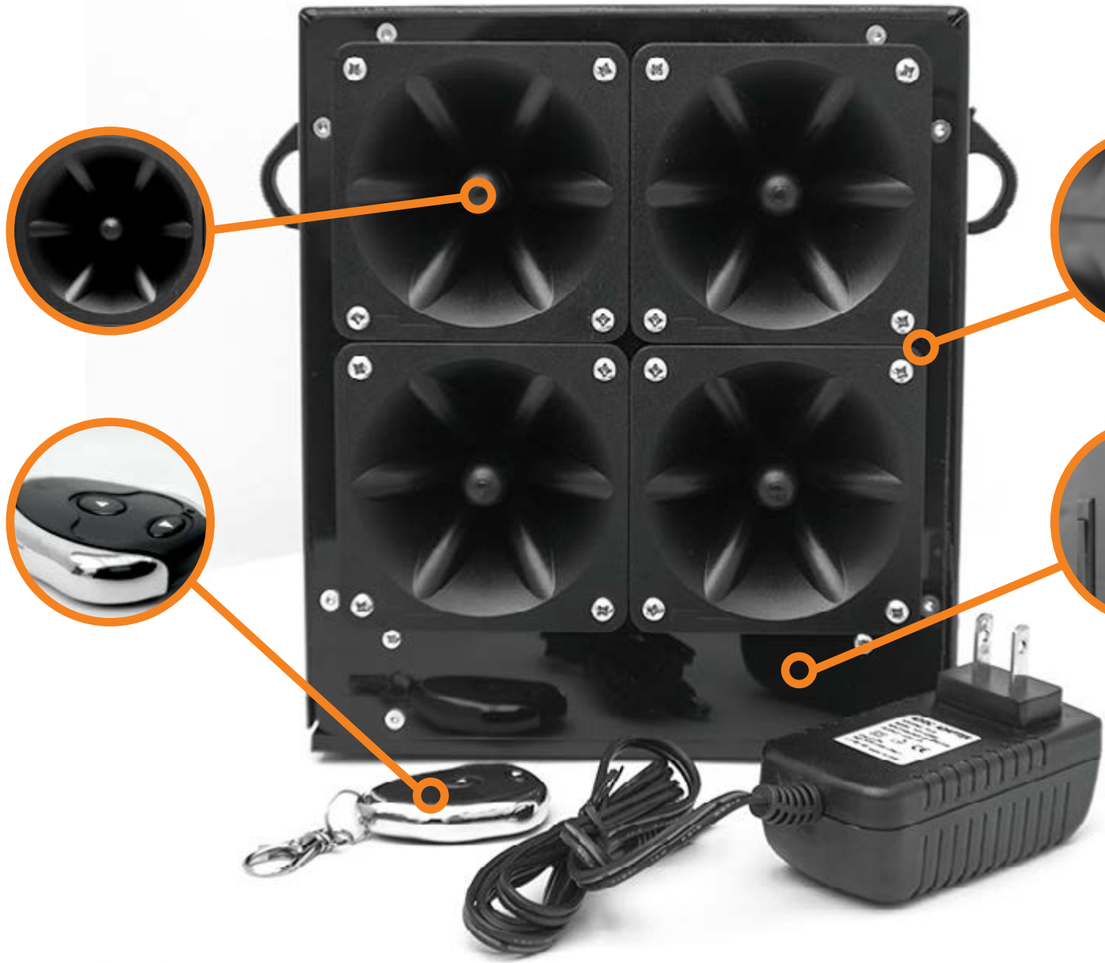
APPLICATIONS

The High-Powered Ultrasonic System can be operated in two modes. Mode 1 (HIGH POSITION) is a frequency known to produce animal discomfort as paranoia, nausea, disorientation and many other physiological effects. Mode 2 (LOW POSITION) uses the system as an audible alarm to stun intruders or warn users of an intrusion. Both modes may be used concurrently and are easily controlled by the user from the rear panel.

FEATURES

- Quality
- Durable
- Recyclable materials
- Accurate

FEATURES



TRANSDUCTERS
4 transducers to increase sound power.
Sound intensity: 135 db (At 30 cm.)
Adjustable sound frequency from 10kHz to 25kHz

REMOTE CONTROL
Small and easy to carry RC, that allows you to activate the equipment from distance.
Reach range: 100 mts (300 ft).

BODY
Black coated electrostatic painting, high durability and easy maintenance.
Built from high-quality components manufactured in USA, Japan, Germany, Italy, etc.

MATERIALS
Aluminum and acrylic body.
High resistant (and 100% recyclable) polymer base, easy to clean.

Argo-A Security

Ultrasonic Phaser Pain Field Generator // User's manual

FEATURES

HANDLES
Concealed handles for easy carrying.
High resistance.

DC POWER PLUG
This equipment uses a DC Power adapter.
Input: 100-240v 50/60HZ
Output: 12v DC - 2 Amps.

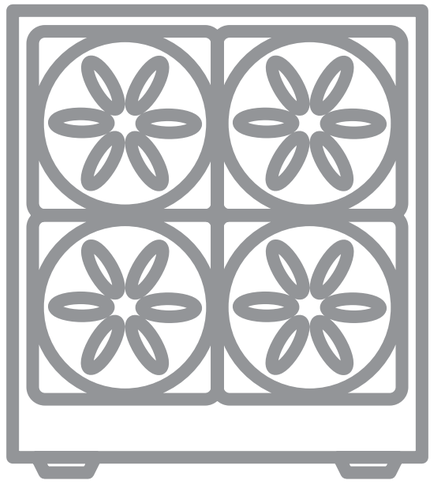
FUSE
User's replazable 2 Amps fuse.

ACCESORIES PLUGS
RCA plug connector for Normally Open remote trigger.
This plug allows users to install a wide range of accessories to enhance the effectiveness of the equipment.
This equipment has been designed to be used for animal control or on human intruders.

SWEEP
Frequency sweep for increase stun effect.

PROCEDURE

- General recommendations
- Initial settings
- Operating



1

Before making any adjustment, make sue to use ear protection to avoid unexpected sound discomfort.

2

It is recommended to use this equipment outdoors.
When using it indoors, notice that sound waves will bounce widespread and make the sound travel aimlessly.

3 +18

This equipment should be handled by adults ONLY. (fully aware of its actions).

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PROCEDURE

// GENERAL RECOMMENDATIONS

Avoid crushing the product with sharp objects.

Always ensure proper power input.

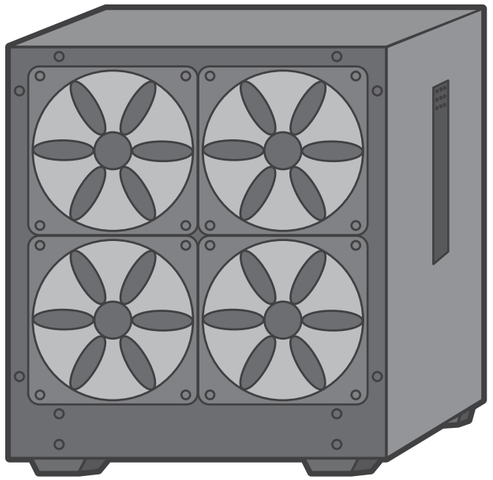
Protect the product from rain and water.

Do not try to fix or dissemble this product by yourself.

In case that the product does not work properly, needs maintenance or it is damaged, please contact us. We will be more than glad to assist you with any issue.

1// WHAT SHOULD BE INCLUIDED IN THE PACKAGE?

a.
x1



b.
x1

This Remote Control will be incluided only in **AA7601RC** model. *

c.
x1

Depending on the geographical area were you are located, maybe you will need a power input adapter. !

a. Ultrasonic Phaser Pain Field Generator Body x1 // **b**. Radio Control x1* // **c.** Power Adapter AC/DC 12V x1

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2// BEFORE START USING THIS PRODUCT, THINK ABOUT:

PROCEDURE
// INITIAL SETTINGS

Which power source will you use?

- Battery — Ideal when usign outdoors.
- DC Power — Ideal when usign indoors.

Which will the main use of the product be?

- Animal control — High frequency for Animal Control 5 kHz to 25 kHz.
- Human intruders — Low frequency for Human Intruder 2 kHz to 10 kHz.

3// WHAT DOES EVERYTHING I SEE MEAN?

BATTERY / DC SELECT
Use it to select the desire power source.
UP selects Battery as power source.
DOWN selects DC as power source.

HIGH / LOW
Use it to select the desire sound frequency.
Low for Human Intruders and High for animal control.

NO / NC
NO means Normally Open.
NC means Normally Close.

I/O SWITCH
Use it to turn On/Off the equipment. This button is also a potentiometer you can turn up or down the sound frequency with.

SWEEP
Use it to turn On/Off the sweep function.
This button is also a potentiometer you can turn up or down the intensity of the sound´s sweep with.

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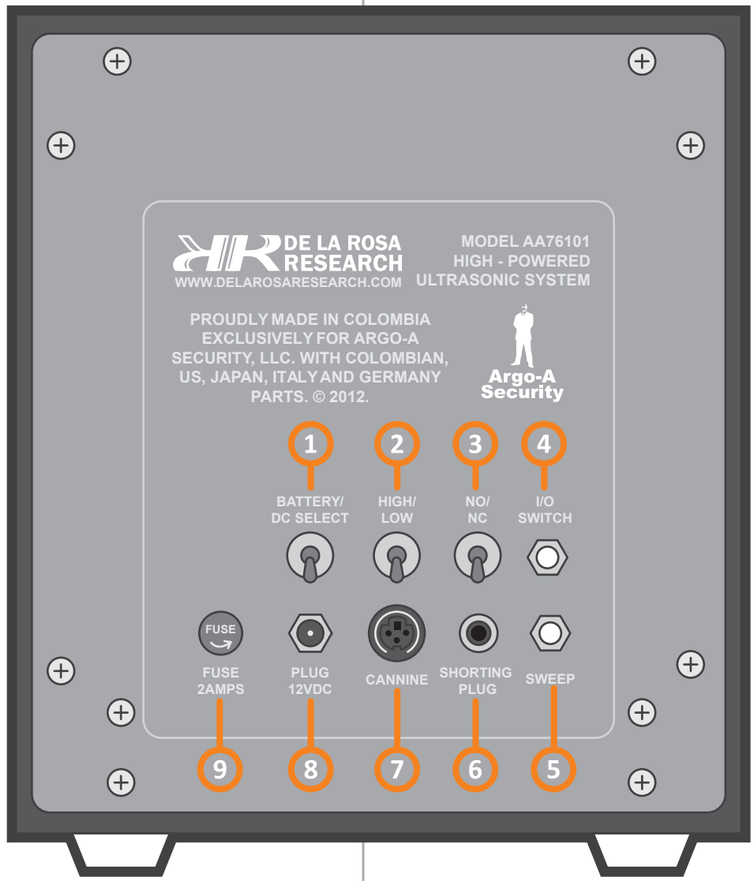
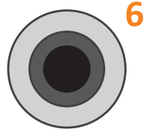


PROCEDURE
// INITIAL SETTINGS



SHORTING PLUG
Plug any external device to activate the alarm remotely.

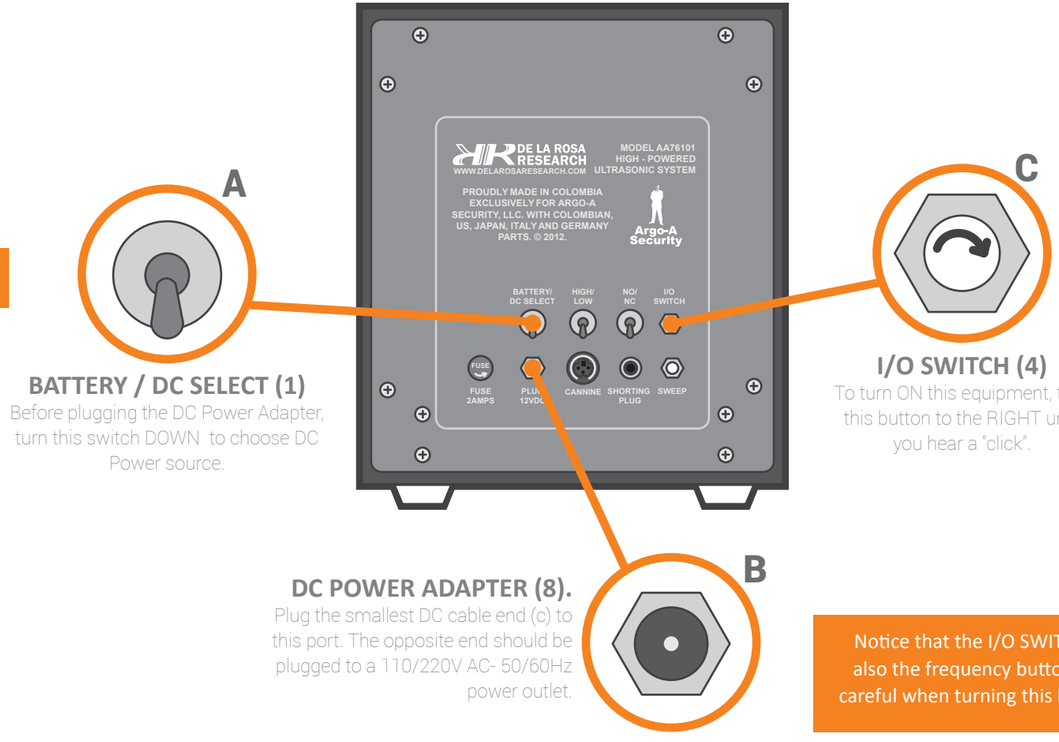
CANNINE
Plug any accessory in this DIN 3 plug to generate ultrasonic sound for animal control.

PLUG 12V DC
Use it to plug the power adapter when you want to use AC Power Source.

FUSE 2 AMPS
This is the 2 Amps Fuse Case. In case that this fuse needs replacement, turn the fuse as shown and unscrew it from the main body.

4// HOW TO ASSEMBLE IT?

When using DC power source.



BATTERY / DC SELECT (1)
Before plugging the DC Power Adapter, turn this switch DOWN to choose DC Power source.

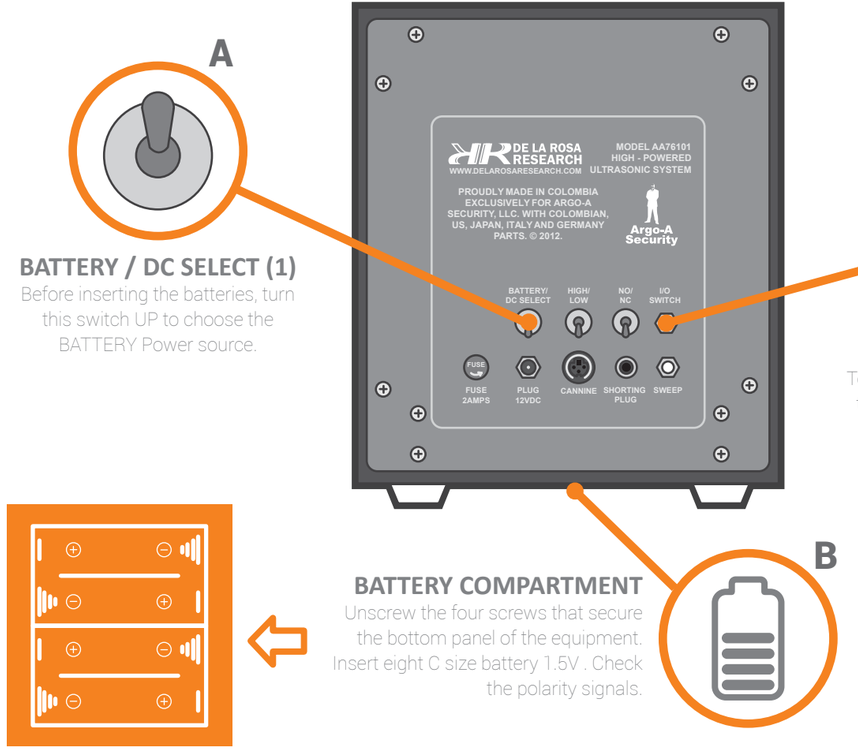
I/O SWITCH (4)
To turn ON this equipment, turn this button to the RIGHT until you hear a "click".

DC POWER ADAPTER (8).
Plug the smallest DC cable end (c) to this port. The opposite end should be plugged to a 110/220V AC- 50/60Hz power outlet.

Notice that the I/O SWITCH is also the frequency button. Be careful when turning this knob. !

PROCEDURE
// INITIAL SETTINGS

When using Battery power source.



BATTERY / DC SELECT (1)
Before inserting the batteries, turn this switch UP to choose the BATTERY Power source.

I/O SWITCH (4)
To turn ON this equipment, turn this button to the RIGHT until you hear a "click".

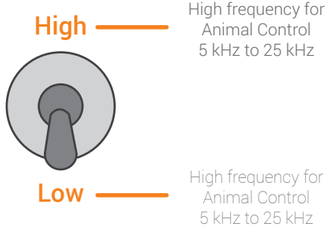
BATTERY COMPARTMENT
Unscrew the four screws that secure the bottom panel of the equipment. Insert eight C size battery 1.5V . Check the polarity signals.

1 // HOW DOES IT WORK?

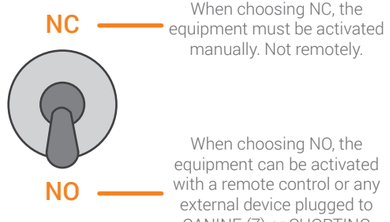
Before starting.

a. Make sure the BATTERY/DC SELECT (1) Button is on the right position.

b. Make sure the HIGH/LOW (2) Button is on the right frequency



c. Make sure the NC/NO (3) Button set on NO.


NC
When choosing NC, the equipment must be activated manually. Not remotely.
When choosing NO, the equipment can be activated with a remote control or any external device plugged to CANINE (7) or SHORTING PLUG (6).
NO

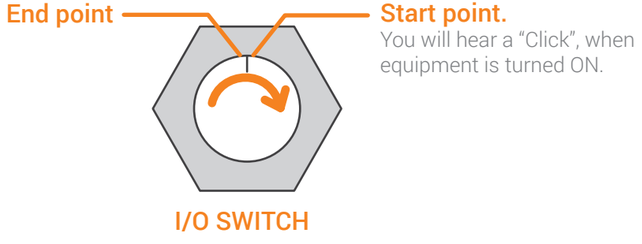
When using Battery power source, make sure the DC Adapter is unplugged.

When using DC power source, make sure the Battery compartment is empty.

PROCEDURE
// OPERATING

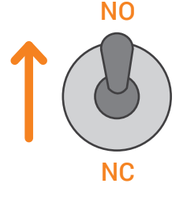
Setting sound frequency.

a. Turn ON the equipment by tuning the I/O SWITCH (4) to the RIGHT, proceed turning until you set the frequency to the End Point.

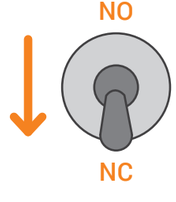


b. You will ONLY hear a sound when the UP NO/NC (3) button is UP on the NO position.

The sound made by the equipment might be very uncomfortable. Be ready to Turn the NO/NC button DOWN, and STOP the noise. !



Turning it UP will make the Sound START.



Turning it DOWN will make the Sound STOP.

IS THE SOUND YOU'RE HEARING THE DESIRED ONE?

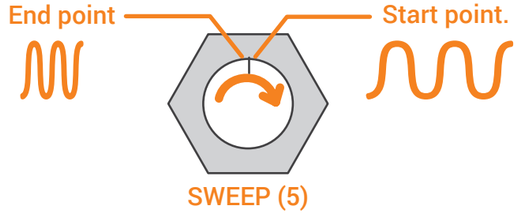
Continue on page 32.

Twist the I/O SWITCH (4) knob to the LEFT and Turn the NO/NC button UP (3). Repeat until you find the desire frequency.

Exploring the sweep effect.

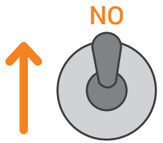
a. Once you have selected the right frequency, explore with the SWEEP button to increase the pain effect.

The sweep button is also a potentiometer, When twisted to the right, it will generate a sweep effect in the sound's waves.

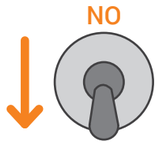


b. You will ONLY hear a sound when you Turn the NO/NC (3) button UP.

The sound made by the equipment might be very uncomfortable. Be ready to Turn the NO/NC button DOWN, and STOP the noise. !



Turning it UP will make the Sound START.



Turning it DOWN will make the Sound STOP.

IS THE SOUND YOU'RE HEARING THE DESIRED ONE?

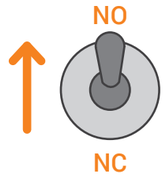
Congratulations, the equipment's sound has been adjusted, and it is almost ready to be used.

Twist the I/O SWITCH (4) knob to the LEFT and Turn the NO/NC button UP (3). Repeat until you find the desire frequency.

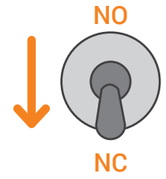
PROCEDURE
// OPERATING

Equipment is almost ready to use.

a. The equipment is almost ready to be used.
The final step is ensuring that the NO/NC (3) button is on the right position.

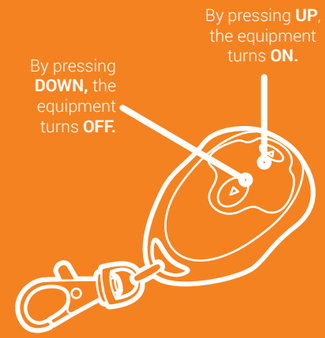


Setting NC/NO in NO will allow you to activate the equipment with your Remote Control or with any accessory plugged on CANINE (7) or SHORTING PLUG (6).



Setting NC/NO in NC will allow the sound to start automatically and it may only be STOPPED by turning off the equipment with the I/O SWITCH (1) or by turning setting NC/NO to NO.

FAMILIARIZE
with Remote Control* buttons.



* Only available on AA7601RC model.

2// ARE YOU EXPERIENCING PROBLEMS?

	Problem	Posible Cause	Solution	
a.	The equipment does not turn on. The equipment does not have the usual sound power.	The correct power source has not been selected.	Choose the correct Power source in the Battery/DC button.	
b.	The equipment does not turn on.	The fuse is damage.	Unscrew the Fuse case to check the fuse status. If Fuse is broken, replace it with a new 2 Amps fuse.	
c.	The equipment does not turn on.	The DC power adapter is not connected properly.	Press firmly the male adapter into the female port of the equipment.	
d.	The Remote Control does not work.	The RC batteries could be discharged.	Unscrew the 3 screws that secure the back of the RC, change the battery for new LR27A 12V.	

In case that you are experiencing a different issue from the ones listed before, or the product does not work properly, needs maintenance or it is damaged, please contact us. We will be more than glad to assist you with any issue.

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THIS IS THE END OF THIS USER GUIDE.

This is all the basic information needed for using the ULTRASONIC PHASER PAIN FIELD GENERATOR; but this is just where fun begins.

If something is not clear to you, or should you have any questions, please feel free to contact us at any time.

We will be very happy to hear from you.

support@delarosaresearch.com
(+57 1) 6275686
(+57) 3003642343
Cll 147 A # 48 - 08. Bogotá, Colombia
2550NW 72nd Ave. Suite 115. Miami, Fl. 33122.

De la Rosa Research Team.

DE LA ROSA
RESEARCH

support@delarosaresearch.com
(+57 1) 6275686
(+57) 3003642343
Cll 147 A # 48 - 08. Bogotá, Colombia
2550NW 72nd Ave. Suite 115. Miami, Fl. 33122.